

How to enable schannel event logging

This article was previously published under Q260729

We strongly recommend that all users upgrade to Microsoft Internet Information Services (IIS) version 6.0 running on Microsoft Windows Server 2003. IIS 6.0 significantly increases Web infrastructure security. For more information about IIS security-related topics, visit the following Microsoft Web site:

Article ID	: 260729
Last Review	: June 23, 2005
Revision	: 3.1

<http://www.microsoft.com/technet/security/prodtech/IIS.mspx>
(<http://www.microsoft.com/technet/security/prodtech/IIS.mspx>)

SUMMARY

When you enable Schannel event logging on a computer that is running Microsoft Windows NT Server 4.0, Microsoft Windows 2000 Server, or Microsoft Windows XP Professional, detailed information from Schannel events can be written to the Event Viewer logs, in particular the System event log. This article describes how to enable and configure Schannel event logging.

[back to the top](http://support.microsoft.com/?scid=toc) (<http://support.microsoft.com/?scid=toc>)

Enable logging

WARNING: If you use Registry Editor incorrectly, you may cause serious problems that may require you to reinstall your operating system. Microsoft cannot guarantee that you can solve problems that result from using Registry Editor incorrectly. Use Registry Editor at your own risk.

Note This registry key is present already in Windows 2000 and XP Professional.

1. Start Registry Editor. To do this, click **Start**, click **Run**, type **regedt32**, and then click **OK**.
2. Locate the following key in the registry:

HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\SecurityProviders\SCHANNEL

3. On the **Edit** menu, click **Add Value**, and then add the following registry value:

Value Name: EventLogging
Data Type: REG_DWORD

Note After you add this property, you must give it a value. See the table in the [Logging options](#) section to obtain the appropriate value for the type of events that you want to log.

4. Exit Registry Editor.
5. Click **Start**, click **Shut Down**, click to select **Restart**, and then click **OK** to restart the computer. (Logging does not take effect until after you restart the computer).

[back to the top](http://support.microsoft.com/?scid=toc) (<http://support.microsoft.com/?scid=toc>)

Logging options

The default value for Schannel event logging is **0x0000** in Windows NT Server 4.0, which means that no Schannel events are logged. In Windows 2000 Server and Windows XP Professional, this value is set to **0x0001**, which means that error messages are logged. Additionally, you can log multiple events by specifying the hexadecimal value that equates to the logging options that you want. For example, to log error messages (0x0001) and warnings (0x0002), set the value to **0x0003**.

Value	Description
0x0000	Do not log
0x0001	Log error messages
0x0002	Log warnings
0x0004	Log informational and success events

[back to the top](http://support.microsoft.com/?scid=toc) (<http://support.microsoft.com/?scid=toc>)

APPLIES TO

- Microsoft Internet Information Server 4.0
- Microsoft Internet Information Services 5.0
- Microsoft Internet Information Services 5.1

Keywords: kbhowtomaster KB260729

©2005 Microsoft Corporation. All rights reserved.